Index of Claims

| Α | pplic | ation | /Contro | No |
|---|-------|-------|---------|----|
| • | - F   |       |         |    |

10/626,559

Examiner

Laura C. Hill

Applicant(s)/Patent under Reexamination

TOYOSHIMA ET AL.

Art Unit

3761

| × | Rejected |
|---|----------|
| = | Allowed  |

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

|             |                                  |               | L        |          |  |  | J            |          | L        | L                             |     |
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|             |                                  | ·             |          |          |  |  |              |          |          |                               | ٦.  |
| Cla         | aim                              | _             |          |          | ,  | Dat  | e            | _        |          |                               | 4   |
| Final       | Original                         | 10/3/06       |          |          |  |  |              |          |          |                               |     |
|             | 1                                | x             |          |          | П  |  | Т            | Τ        | 十        | $\top$                        | 1:  |
| •           | 2                                | x             |          |          |  | T  |              |          | T        | 1                             | 7:  |
|             | 3                                | x             |          |          |  |  |              |          |          | Τ                             | ]:  |
|             | 4                                | x             |          |          |  |  |              |          | L        |                               | ]:  |
|             | 1<br>2<br>3<br>4<br>5            | x             | <u> </u> | ┖        | ┖  | <u> </u>   | 1_           |          | L        | ┸                             | ]   |
|             |                                  | _             | _        | ╙        | L  | _  | ↓_           | _        | _        | $oldsymbol{oldsymbol{\perp}}$ | 1   |
| <u> </u>    | 7                                | x             | _        | ┞        | ┞  | 1  | ↓_           | <u> </u> | ╄        | 1                             | -   |
|             | 8                                | _             | ┝        | ├        | <del> </del>                                     | ₩  | ├-           | ┢        | ╀        | ╄                             | -   |
| <del></del> | 9                                | $\vdash$      | ├        | ├        | ┢  | ╁  | ╁            | ├-       | ╁        | ╁                             | ╢   |
| _           | 11                               | -             | $\vdash$ | $\vdash$ | ╁  |  | ╁╴           | ┢        | ╁        | ╁                             | ł   |
| <u> </u>    | 12                               |               | $\vdash$ | ┢        | ┢  | -  | t            | $\vdash$ | ✝        | +                             | 1   |
|             | 13                               | $\vdash$      | Т        | T        | T  | T  | ı            | T        | T        | ✝                             | 1   |
|             | 14                               |               |          | Г        |  | Г  |              |          | T        | Τ                             | 1   |
|             | 10<br>11<br>12<br>13<br>14<br>15 |               |          |          |  |  |              |          |          |                               | ]:  |
|             | 16                               |               |          | _        | L  | L  |              |          |          |                               | ]   |
|             | 17                               |               | _        | ╙        | _  | Ŀ  | Ļ            | 乚        | _        | _                             |     |
|             | 18<br>19                         |               | _        | <u> </u> | <u> </u>   | ▙  | <u> </u>     | L        | ┞        | ╄                             | 1   |
|             | 19                               |               |          | ┝        | ⊢  | ⊢  | ┝            | Ͱ        | ├        | ╀                             | 1   |
| $\vdash$    | 20                               |               | H        | ⊢        | -  | ⊢  | ⊢            | ⊢        | ╀        | ╁                             |     |
|             | 21<br>22                         |               | _        | ├-       | ⊢  | $\vdash$   | ╁╴           | ⊢        | ╁        | ╁                             | ł   |
|             | 23                               |               | _        | ┢        | <del>                                     </del> |  | $\vdash$     | -        | t        | t                             | t   |
|             | 23<br>24                         |               |          |          | Т  | Г  | 1            | T        | $\vdash$ |                               |     |
|             | 25                               |               |          |          |  |  |              |          |          |                               | 1   |
|             | 26<br>27                         |               |          |          |  |  |              |          |          |                               | ]   |
|             | 27                               |               |          |          | _  | _  | ot           | _        | _        | ╙                             | ŀ   |
| <u> </u>    | 28                               |               |          |          | _  | <u> </u>   | Ц_           | L        | ╙        | <u> </u>                      | 1   |
|             | 29                               |               | _        | _        | <u> </u>   | ⊢  | <u> </u>     | _        | ┡        | ⊢                             |     |
| $\vdash$    | 30<br>31                         | -             |          | <u> </u> | ⊢  | -  | $\vdash$     | ⊢        | ┝        | ╀                             | L   |
| $\vdash$    | 32                               |               |          |          | ┝  | $\vdash$   | -            | $\vdash$ | -        | ╁╾                            | Ι.  |
|             | 33                               | $\overline{}$ |          |          | -  | <del>                                     </del> | Н            | ┢        |          | $\vdash$                      | ŀ   |
|             | 34                               | $\neg$        |          |          |  |  |              | $\vdash$ | $\vdash$ |                               | Ŀ   |
|             | 35                               |               |          |          |  |  |              |          |          |                               | ]:  |
| ·           | 36                               |               |          |          |  |  |              |          |          |                               |     |
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| $\vdash$    | 38                               |               |          | _        | _  | <u> </u>   | <u> </u>     | <u> </u> | _        | <u> </u>                      | ŀ   |
|             | 39                               |               |          |          | _  | _  | ┝            | _        | <u> </u> | -                             | l:  |
| -           | 40<br>41                         | $\dashv$      |          | _        | _  | ⊢  | ┡            | -        | ┝        |                               | ŀ   |
| $\vdash$    | 42                               | $\dashv$      | _        | -        | $\vdash$   | $\vdash$   | -            | -        | -        | -                             | ŀ   |
|             | 43                               |               |          |          | -  |  | $\vdash$     | -        | $\vdash$ | $\vdash$                      | 1   |
| $\vdash$    | 44                               | $\dashv$      |          | _        |  |  | Н            | _        | Г        | T                             | 1   |
|             | 45                               |               |          |          |  | Г  | П            |          | Г        |                               |     |
|             | 46                               |               |          |          |  |  |              |          |          |                               | ]:  |
|             | 47                               |               |          |          |  | .  |              |          |          |                               | :   |
| $\square$   | 48                               |               |          |          |  |  |              |          | L        | <u> </u>                      |     |
|             | 49                               | _             |          |          |  | Ŀ  | Щ            |          | L        |                               |     |
| L           | 50                               |               | J        |          |  |  |              |          |          |                               | ] : |

|   | Cla      | aim                        |          |              |           |          | Dat      | e            |          |                 |  | ٦ |
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|   | Final    | Original                   |          |              |           |          |          |              |          |                 |  |   |
|   |          | 51                         | -        | ┢            | ╁         | -        | ╀╌       | -            | ╁╴       | $\vdash$        | ┝  | 1 |
|   |          | 52                         | ┢        | <del> </del> | ╁         | ╁╌       | ╁        | ┢            | ╁╴       | H               | ╁╌   | ┨ |
|   |          | 52<br>53<br>54<br>55       |          | ┪            | $\vdash$  | ╁        |          | <del> </del> | 1        | <del> </del>    | -  | 1 |
|   |          | 54                         |          |              |           | 1        | 1        |              | t        | $\vdash$        | <del>                                     </del> | 1 |
|   |          | 55                         |          |              | T         |          | T        | T-           | 1        | Г               | T  | 1 |
| 1 |          | 56                         |          |              | П         |          | Г        | Γ            | Г        |                 |  | 1 |
|   |          | 57<br>58                   |          |              |           |          |          |              |          |                 |  | ] |
|   |          | 58                         | _        | <u> </u>     | L         | _        | L        | L            |          |                 |  |   |
|   |          | 59                         |          | ╙            | _         | L        | <u> </u> |              | L        |                 | ļ  | 4 |
|   |          | 60                         |          | <b> </b> _   | ┡         | ┡        | <u> </u> | <u> </u>     | L        | _               | L  | 4 |
|   |          | 61                         |          | <u> </u>     | ├-        | ┡        | ┝        | <u> </u>     | ⊢        | ├               |  | 4 |
|   |          | 62<br>63                   |          | -            | -         | ├        | ├—       | ┝            | <u> </u> | ├-              |  | 4 |
|   |          | 64                         | -        | $\vdash$     | $\vdash$  | -        | $\vdash$ | -            | $\vdash$ | <del> -</del>   | $\vdash$   | ł |
| 1 | _        | 65                         | -        | $\vdash$     | f-        | $\vdash$ | $\vdash$ | $\vdash$     | ├-       | ╁               | $\vdash$   | ł |
| ١ |          | 66                         |          | _            |           | 1        | $\vdash$ | $\vdash$     | $t^-$    | ┢               | _  | 1 |
| 1 |          | 67                         |          |              | T         | 一        | ┢        | $\vdash$     | 一        | $\vdash$        | H  | 1 |
|   |          | 68                         |          | _            | Г         | $\vdash$ |          | T            |          |                 |  | t |
| 1 |          | 69                         |          |              |           |          |          |              |          | Г               | Г  | 1 |
| ĺ |          | 70                         |          |              |           |          |          |              |          |                 |  | 1 |
|   |          | 71                         |          |              |           |          |          |              |          |                 |  | ] |
| 1 |          | 72                         |          |              |           |          |          | L            |          |                 | L  | l |
| 1 |          | 71<br>72<br>73<br>74<br>75 |          |              | _         | <u> </u> | _        |              | 辶        | L               |  | l |
| 1 |          | 74                         |          |              | <u> </u>  |          |          |              | _        | _               | ldash  | 1 |
| 1 |          | 75                         | _        |              | <u> </u>  | <u> </u> | _        |              | <u> </u> | <u> </u>        | _  | ļ |
| ŀ |          | 76                         |          | _            | ⊢         | <u> </u> |          | _            | _        | <u> </u>        | <u> </u>   | 1 |
| ŀ | _        | 77                         | -        | _            | -         | ┝        | -        | -            |          | <u> </u>        | _  | ł |
| ł | -        | 78<br>79                   | _        |              | ⊢         | ├        |          |              | $\vdash$ | H               | _  | ł |
| ŀ |          | 80                         |          |              | ├─        | -        |          | -            | ⊢        | -               |  | ł |
| ŀ |          | 81                         | -        | _            | $\vdash$  | $\vdash$ | Н        | _            | ┝        | _               |  | ł |
| ŀ |          | 82                         | $\neg$   | _            | _         | -        |          | _            | $\vdash$ |                 |  | ł |
| t |          | 83                         |          |              |           | $\vdash$ |          |              | $\vdash$ |                 |  | ı |
| Ì |          | 84                         |          | _            |           |          |          |              |          |                 | _  | İ |
| Ī |          | 85                         |          |              | _         |          |          |              |          |                 |  | ١ |
| [ |          | 86                         |          |              |           |          |          |              |          |                 |  |   |
|   |          | 87                         |          |              |           |          |          |              |          |                 |  |   |
| ļ |          | 88                         |          | _            |           |          |          | _            |          |                 |  | 1 |
| ŀ |          | 89                         | _        | _            |           |          | Щ        |              |          | Ш               |  | 1 |
| ŀ |          | 90                         | _        | _            |           | _        |          | _            | Щ        | Ш               |  | ľ |
| ŀ |          | 91                         | 4        | _            |           | _        | $\sqcup$ | _            |          |                 | _  | 1 |
| - |          | 92                         | -        | $\dashv$     |           | _        |          | _            | Н        |                 |  | ŀ |
| ŀ | $\dashv$ | 93<br>94                   | $\dashv$ | $\dashv$     | -         |          | $\vdash$ | _            |          | $\vdash \vdash$ |  | ŀ |
| ŀ |          | 95                         | -        | $\dashv$     | $\vdash$  | _        | $\vdash$ | -            | H        | $\dashv$        |  |   |
| H | -        | 96                         | ᅱ        | ᅱ            | -         | -        |          |              | -        | $\dashv$        | _  |   |
| ŀ |          | 97                         | $\dashv$ | $\dashv$     | $\vdash$  |          | $\vdash$ | ᅱ            | $\dashv$ | $\dashv$        |  | 1 |
| t |          | 98                         | ᅥ        | $\dashv$     |           | Н        |          | -            | -        | $\dashv$        |  | ŀ |
| t |          | 99                         | 1        |              | $\exists$ | Н        |          | _            | -        | $\neg$          | _  | ŀ |
| r |          | 100                        | T        |              |           |          |          | $\neg$       |          | $\neg$          |  | ŀ |
| - |          |                            |          | _            |           |          |          |              |          |                 | _  | , |

|     | CI       | aim Date   |          |               |          |              |          |              |                 |  |              |
|-----|----------|--|----------|---------------|----------|--------------|----------|--------------|-----------------|--|--------------|
|     | <u> </u> | $\vdash$   | Т        | $\overline{}$ | _        | T            | Ť        | Т-           | T               | 1  |              |
|     | Final    | Original   |          |               |          |              |          |              |                 |  |              |
|     |          | 101  |          |               |          |              |          |              |                 |  |              |
|     |          | 102  | _        |               | ┖        | L            | 1_       | ┖            | L               | L  |              |
|     |          | 103  | L_       |               | 丄        | ┺            | 1_       | ╙            | <u> </u>        | <u> </u>   | $oxed{oxed}$ |
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|     |          | 111  |          |               |          | $\top$       | T        |              | t               | T  | П            |
|     |          | 112  |          |               |          |              | T        | П            | Г               | Г  | П            |
|     |          | 111<br>112<br>113                                    |          |               |          |              |          |              |                 |  |              |
|     |          | 114<br>115   |          | L             | L        | oxdot        |          | $\Box$       |                 |  | Ш            |
|     |          | 115  | _        | _             | L        |              | $\vdash$ | ↓_           | ┡               | $\vdash$   | Ш            |
|     |          | 116<br>117   |          |               | <u> </u> | <del> </del> | ╄        | ┡            | ┢               | ┡  | Ш            |
|     |          | 117  |          | _             | -        | ⊢            | ⊢        | ⊢            | ╀               | <del> </del>                                     | $\vdash$     |
| ::  |          | 110  |          | -             | ┢        | ├            | ╁        | ⊢            | ⊢               | ⊢  | Н            |
|     |          | 120  |          |               | $\vdash$ | 1            | 1        | -            | ┢╌              | ┢  | Н            |
|     |          | 121  | _        | -             |          | ╁            | ╁╴       | ┢            | $\vdash$        | t  | Н            |
|     |          | 122  | _        |               |          | T            | H        |              | T               | T  | Н            |
|     |          | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 |          | Т             | $\vdash$ | Г            | 1        | Т            | T               | Τ  | П            |
|     |          | 124  |          |               |          |              |          |              |                 |  |              |
|     |          | 125  |          |               |          | L            |          |              |                 | $oxed{oxed}$                                     | Ш            |
|     |          | 126  |          |               | L        | <u> </u>     | $\perp$  |              |                 | L  | Ш            |
|     | -        | 127<br>128   |          |               | ⊢        | <u> </u>     | ├_       | <u> </u>     | ┡               | <u> </u>   | Н            |
| ं   | -        | 128  | _        |               | ⊢        | ┢            | ⊢        | ⊢            | ⊢               | ├-   | Н            |
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|     |          | 136  |          |               | L        |              |          | L.           |                 | <u> </u>   | Ш            |
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| ::} |          | 141  | $\dashv$ | -             | -        |              | $\vdash$ | -            | -               | <u> </u>   | $\vdash$     |
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|     |          | 143  |          |               | -        |              | H        | -            |                 | $\vdash$   | $\dashv$     |
| ऻ   |          | 144  | 7        |               |          | _            | H        |              | Н               |  | $\dashv$     |
|     |          | 145  |          |               |          |              |          |              |                 |  |              |
|     |          | 146  |          |               |          |              |          |              |                 |  |              |
| -[  |          | 147  |          |               |          |              |          |              |                 |  |              |
|     |          | 148  | $\Box$   |               |          |              |          |              |                 |  | $\Box$       |
|     |          | 149  | _        |               |          |              |          |              |                 |  | $\Box$       |
| ٠L  |          | 150  |          |               |          | ل_ا          |          |              |                 |  |              |